

426 WHAT IS CLAIMED IS:

- 428 1. A method for distributing timing information amongst a plurality of master devices, the method comprising:
- 430       distributing a global clock to a first master device from the plurality of master devices wherein said first master device operates according to a local clock that is independent of said global clock;
- 432       determining an offset between said global clock and said local clock; and
- 434       distributing said offset to at least one master device other than said first master device.
- 436 2. The method of claim 1 wherein said global clock comprises a local clock of one of the plurality of master devices.
- 438 3. The method of claim 1 wherein said offset is distributed over a communication pathway linking said first one of said master devices to said at least one of said master devices.
- 440 4. The method of claim 3 wherein said communication pathway comprises a wired communication pathway.
- 442 5. The method of claim 3 wherein said communication pathway comprises a wireless communication pathway.
- 444 6. The method of claim 1 wherein said distributing said offset comprises storing said offset in a memory accessible to said plurality of master devices.
- 446 7. The method of claim 1 wherein said distributing said offset comprises providing said offset upon receiving a request from one of said plurality of master devices.
- 448 8. The method according to claim 1 wherein each of said plurality of master devices stores said offset.
- 450 9. The method of claim 1 wherein said master device comprises a Bluetooth™ device configured to act as a master.
- 452 10. A method for distributing timing information amongst of a plurality of master devices, the method comprising:
- 454       distributing a global clock to a first master device from the plurality of master devices;
- 456       distributing a global clock to a first master device from the plurality of master devices;

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458 generating a local clock using an offset and said global clock,  
wherein said local clock is used by said first master device; and

460 distributing said offset to a second master device selected from the  
plurality of master devices.

462 11. The method of claim 10 wherein each of said master devices includes a  
local oscillator and wherein said global clock comprises a clock signal generated  
464 by the local oscillator associated with one of the plurality of master devices.

12. The method of claim 10 wherein said offset is stored in a central location  
466 and provided to at least one of said master devices.

13. The method of claim 10 wherein said offset is stored locally at said second  
468 master device.

14. The method of claim 10 wherein said master device comprises a  
470 Bluetooth™ device configured to act as a master.

15. A system comprising:

472 a communication pathway;

a global clock, coupled to said communication pathway; and

474 a plurality of master devices coupled to said communication  
pathway, wherein each of said master devices includes:

476 a local clock generator that generates a local clock,

and

478 means for determining an offset between said global  
clock and said local clock, wherein said offset is distributed to  
480 at least one of said master devices.

16. The system of claim 15 wherein said communication pathway comprises a  
482 wired communication pathway.

17. The system of claim 15 wherein said communication pathway comprises a  
484 wireless communication pathway.

18. The system of claim 15 wherein said global clock comprises one of said  
486 local clocks.

19. The system of claim 15 further comprising a memory coupled to said  
488 communication pathway, wherein said offsets are stored in said memory.

20. The system of claim 15 wherein said offset is distributed upon request by  
490 one of said master devices.

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21. The system of claim 15 wherein each of said master devices further  
includes a local memory for storing offsets associated with at least one of said  
master devices.

22. The method of claim 15 wherein said master device comprises a  
Bluetooth™ device configured to act as a master.

23. A system comprising:  
a communication pathway;  
a global clock coupled to said communication pathway;  
a plurality of master devices coupled to said communication  
pathway, wherein each of said master devices includes  
means for generating a local clock using an offset and said global  
clock, wherein said offset is available to other of said master devices via  
said communication pathway.

24. The system of claim 23 wherein said communication pathway comprises a  
wired communication pathway.

25. The system of claim 23 wherein said communication pathway comprises a  
wireless communication pathway.

26. The system of claim 23 further comprising a memory coupled to said  
communication pathway, wherein said offsets are stored in said memory.

27. The system of claim 23 further comprising a memory coupled to said  
communication pathway, wherein said offsets are stored in said memory.

28. The system of claim 23 wherein said offset is distributed upon request by  
one of said master devices.

29. The system of claim 23 wherein each of said master devices further  
includes a local memory for storing offsets associated with at least one of said  
master devices.

30. The method of claim 23 wherein said master device comprises a  
Bluetooth™ device configured to act as a master.

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